

20.2: Experimental Protocol and Tables (Prelab)

For today the prelab will be written as a group at the beginning of class. Future pre-labs will be due before your lab class meets and will include Experimental Protocol, Chemical Table and Equipment Table.

Experimental Protocol (10 points)

Write out the protocol for each part of the experiment. (It can be written in sequential steps. Complete sentences are not necessary.) This is the protocol you follow, so be detailed.

Part 1: Find the mass of a regular object.

Part 2: Find the volume of a regular object.

Part 3: Find the mass of an irregular object.

Part 4: Find the volume of an irregular object.

Part 5: Find the density of a regular and an irregular object.

Chemical Table (5 points)

Prepare your chemical table including the materials you use in the experiment. Here is a general template that you may use.

Chemical Name	Chemical Formula	Molar Mass (g/mol)	Hazards	reference	PPE
<u>Sodium Chloride</u>	<u>NaCl</u>	<u>58.5</u>	<u>Skin irritation</u>	https://fscimage.fishersci.com/msds/21105.htm	

Equipment Table (5 points)

Identify the equipment (type AND size) needed for the experiment and include the name and an image (picture) of each. Be sure to describe the equipment, how to use it, and why it is suitable for this use.

Equipment Name	Equipment Picture	Intended Purpose

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